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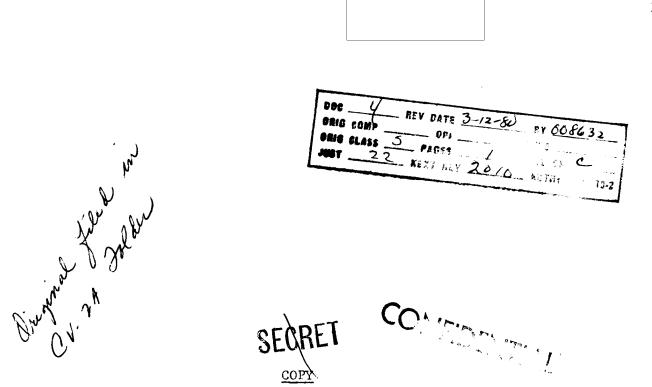
TO: Chief, Engineering Division, OC

ATTN: R&D/IP

FROM: Chief, Operations and Training Division, OC

SUBJ: CV-2A, TA-1A Frequency Range Extension

- 1. It is requested that the IP Laboratory investigate the feasibility of increasing the upper frequency limit of both the subject equipments. A converter covering the range of 12-30 mc would be acceptable packaged in a separate container the same size as the CV-2A. If at all possible the extended frequency range transmitter adaptor should be packaged in the same unit as the present TA-1A. Coil changing would be an operationally acceptable method of achieving the frequency extension. The extended range unit should have the same mode capability as the lower range unit; i.e., Al and A3. Ideally, the upper range TA-1A section would accept the modulator unit developed by IP for the lower range section.
- 2. If the frequency extension is feasible for either or both units, four each prototypes should be built for OC-E and OC-O&T evaluations.



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